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Editorial

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The 24th edition of the Eurosensors Conference series is the first one that was held in Austria and continued a highly successful series of conferences. Linz is a major international center in mechatronics – in 1990 the Johannes Kepler University (JKU) was the first university worldwide offering a full mechatronics curriculum at university level. Recently, the Austrian Center of Competence in Mechatronics (ACCM) was founded in the frame of the excellence program COMET. As it is one of the missions of ACCM to organize scientific workshops and conference in disciplines relevant to mechatronics, it was near at hand for ACCM and JKU to jointly organize a Eurosensors Conference.

The technical program consisted of 376 presentations including three keynotes, eight invited talks, 142 orals and 223 posters. We received abstracts from no less than 44 countries, the accepted papers come from 39 countries. 17% of the accepted papers are from outside Europe: 12% from Asia, 4% from the Americas and 1% from the Middle East.

Topic wise the largest areas are *Physical sensors* (22%), *Chemical sensors* (16%), *Technology and Materials* (10%), *Applications* (10%), and *Theory, modelling and design* (8%). Runners up are *Biosensors* with 7%, *Microfluidic devices* with 5%, *Optical MEMS* with 5%, and *Interfaces, systems, and networks*, which also represent 5% of the accepted papers. Compared to previous conferences, the number of papers on biotechnological and related topics is increasing which reflects the world-wide trend.

As initiated last year with the conference in Lausanne, the proceedings are published in Elsevier's *Procedia* series where we moved to the newly established *Procedia Engineering*. With this platform we expect an efficient dissemination of the results and increased visibility of the contributions of Eurosensors-authors.

The conference program could come to existence only with the help of a large number of people who were willing to support the Eurosensors Conference. We would like to thank all the supporting committees and numerous local individuals who helped to organize this conference. Last but not least, we thank the authors for their valuable contributions, which are collected in these proceedings.

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Eurosensors XXIV